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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Masahiko MITSUI, et al. Confirmation No. 8973  
SERIAL NO. : 10/519,573  
FILED : December 30, 2004  
FOR : BATTERY STATE-OF-CHARGE ESTIMATOR  
GROUP ART UNIT : 2838  
EXAMINER : Aaron C. PIGGUSH

**MAIL STOP AMENDMENT**  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE TO RESTRICTION/ELECTION REQUIREMENT**

S I R:

In response to the Office Action mailed June 29, 2007 in the above-identified application, the Applicants respectfully submit the following.

**Claim Amendments** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.